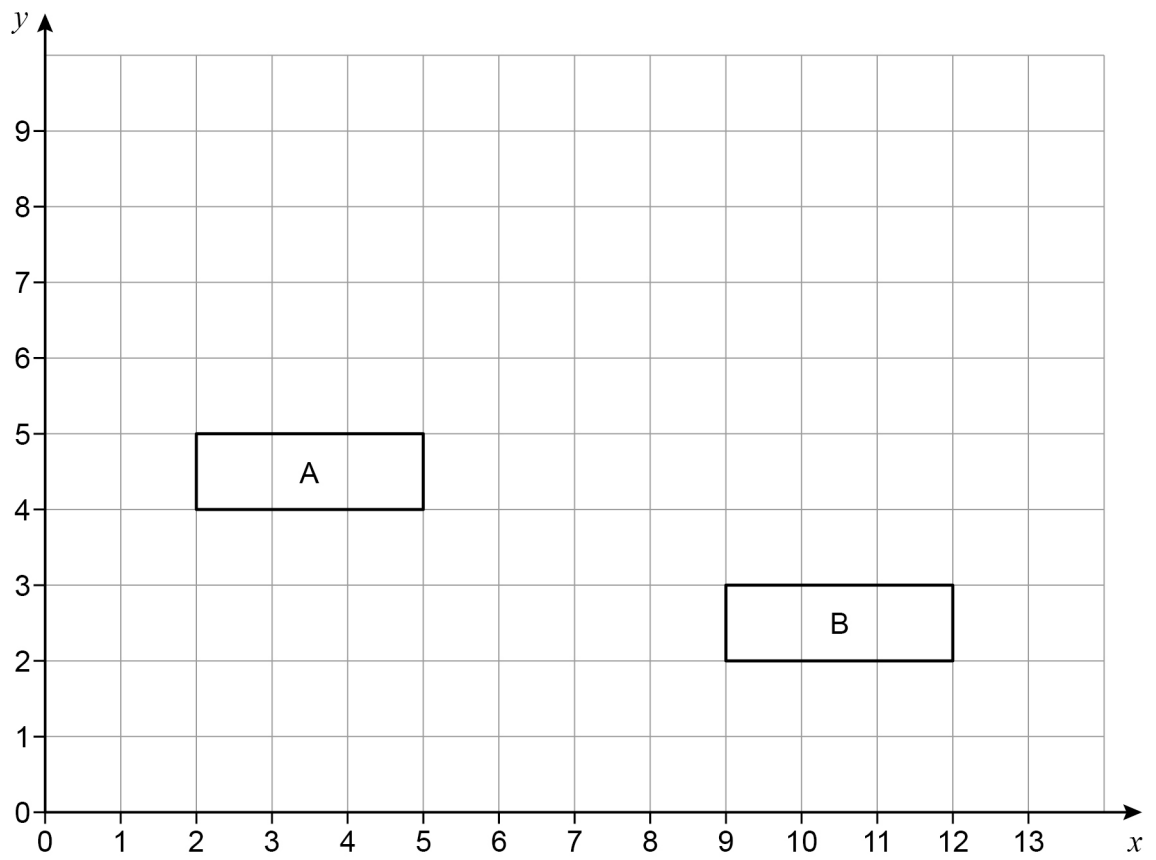


**1**

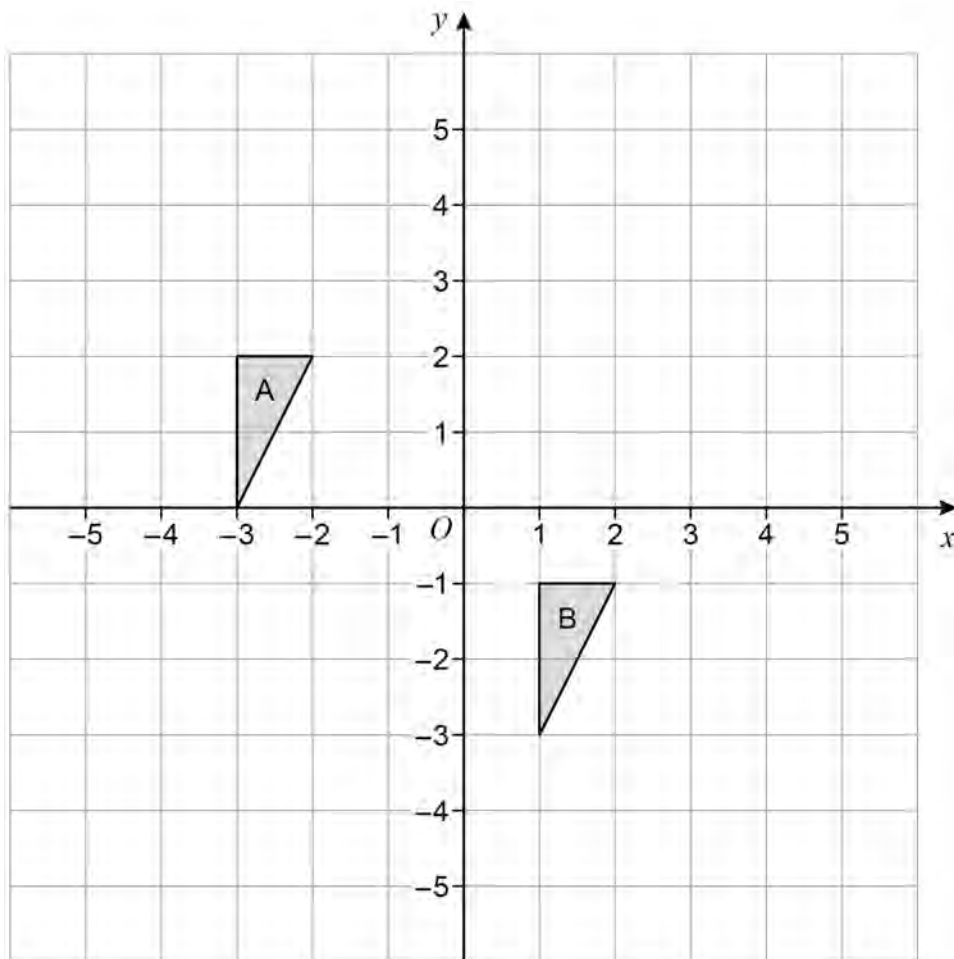
Work out the vector that translates shape A to shape B.

**[2 marks]**

Answer  $\begin{pmatrix} \phantom{0} \\ \phantom{0} \end{pmatrix}$

2

Write down the translation vector that maps shape A onto shape B.

**[2 marks]**

Answer \_\_\_\_\_

- 3** The vector  $\begin{pmatrix} -3 \\ 7 \end{pmatrix}$  translates A to B.

Write down the vector that translates B to A.

**[1 mark]**

Answer  $\begin{pmatrix} \phantom{0} \\ \phantom{0} \end{pmatrix}$